

United States Department of Agriculture
Animal and Plant Health Inspection Service
4700 River Road
Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
Continued Curation
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Prof. Isgouhi Kaloshian	PERMIT NUMBER:	P526P-18-02097
ORGANIZATION:	UC-Riverside Dept. of Nematology	APPLICATION NUMBER:	P526-180301-040
ADDRESS:	2107 A Genomics Riverside, CA 92521	FACILITY NUMBER:	3531
MAILING ADDRESS:	2107 A Genomics Riverside, CA 92521	HAND CARRY:	No
PHONE:	951-827-3913	DATE ISSUED:	05/22/2018
FAX:		EXPIRES:	05/22/2021
DESTINATION:	UC Riverside Dept. of Nematology, 2107 A Genomics/GH 14-4, GH-275, HH-9, Riverside, CA 92521		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Macrosiphum euphorbiae	Any	Culture Curation	Originally Collected from Outside North America	

PERMIT GUIDANCE

This permit does not authorize movement of any regulated materials/organisms, including genetically engineered regulated materials/organisms (created by the use of recombinant DNA technology). This permit does not fulfill the requirements of other federal or state regulatory authorities. As appropriate, please contact the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting. If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

PERMIT CONDITIONS

Permit Number P526P-18-02097

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING
PPQ HEADQUARTER OFFICIAL VIA EPERMITS.

Carlos A. Blanco
Carlos Blanco

DATE

05/22/2018

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

This permit authorizes Prof. Isgouhi Kaloshian, UC-Riverside Dept. of Nematology, 2107 A Genomics, Riverside, CA, the continued curation of *Macrosiphum euphorbiae* in the USDA-APHIS-approved containment Facility Number 3531 at the address above. All these conditions must be followed:

1. • This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
 - You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
 - You are legally responsible for complying with all permit requirements and permit conditions.
 - If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
 - Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.
2. Modifications to the containment facility or any changes that affect the containment of *Macrosiphum euphorbiae* must be approved by APHIS prior to making changes. Please contact the Pest Permit Staff (email: pest.permits@aphis.usda.gov; phone: 866-524-5421; address: 4700 River Rd., Unit 133, Riverdale, MD 20737; Fax: 301-734-8700).
3. This authorization is not valid for field research or release into the environment.


Aphids must be maintained inside cages in the greenhouse.

4. *Macrosiphum euphorbiae* must be maintained under escape-proof conditions in the APHIS-approved Facility Number 3531 area at the work address indicated on this permit. *Macrosiphum euphorbiae* must be removed from this facility or other designated area only with prior authorization from APHIS. Only the evaluated area is authorized for containment. Other rooms require specific approval. Access to this area must be restricted to authorized personnel only.

The capacity of *Macrosiphum euphorbiae* to escape (dig, claw, push, fly, or chew through wood, plastics, or metals) must be considered in containment design.

Collection methods must be available to catch escaping *Macrosiphum euphorbiae*.

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All materials removed from caging must be thoroughly examined for *Macrosiphum euphorbiae* if the material is not being disposed of following the waste disposal condition.

5. All *Macrosiphum euphorbiae* and all items coming in direct contact or exposed to *Macrosiphum euphorbiae* must be sterilized/sanitized/decontaminated prior to removal from the authorized containment facility. This includes all items from shipping, culturing, care, and maintenance of *Macrosiphum euphorbiae*. This requirement includes but is not necessarily limited to: packaging directly exposed to the regulated materials/organisms, substrates (culture media, soil, plant materials (food materials or host plants)), leftover/unused/unneeded live cultures, and dead specimens/cultures unless specified otherwise in the permit.

All waste materials must be treated by one of the follow methods prior to disposal:
Use any of the following, either alone or in combination: 1) autoclaved, 2) or disposed of as medical /biohazard waste with bonded contracted company or, 3) or incinerated, 4) or frozen at minus 20 Celsius (minus 4 Fahrenheit) for 72 hours (Note: this is colder than a conventional refrigerator/freezer), 5) or immersed in Sodium Hypochlorite (household bleach from the bottle is 6 percent) for at least 60 minutes, or 6) immersed in 70 percent alcohol for at least 30 minutes.


Treated waste will be double bagged prior to disposal.

6. There is to be no further movement or distribution of the listed regulated materials/organisms within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit for receipt of such materials/organisms.
7. All persons working with the listed regulated materials/organisms must be informed of these permit conditions. Anyone working with these materials/organisms must agree to and sign/initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/APHIS but must be readily accessible and made available to Federal and State regulators upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized materials/organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

8. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,


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- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

END OF PERMIT CONDITIONS

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